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State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

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Division Director

Inspection Report
Minerals Regulatory Program
December 9, 2009

Reviewed: th

Mine Name: Black Ridge #1	Permit Number: S/053/0027
Operator Name: Thirstystone Resources, Inc.	Inspection Date: November 10 2009
Inspector(s): Lynn Kunzler	Time: 9:00 am
Other Participants: Russell Schreiner, BLM, Ryce Foster and Carl White, Thirstystone	Mine Status: Reclaimed

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Reclamation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls,	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

To inspect recent reclamation work at the request of the operator

Inspection Summary:

Since the last inspection, the operator has completed regrading work to the satisfaction the Division and the BLM. Available materials were used to regrade the disturbance to an approximate 3h:1v slope from the stream channel to the highwall (the highwall was not completely covered since there were natural cliffs prior to the quarry operations and the lack of material available). Large rock was placed along the drainage(dry wash) to reduce the likelihood of eroding the regraded slopes during flood events. Access was achieved by constructing sand ramps over the hiking/bike trail. These ramps were removed after the regrading was completed.

Photos were taken to document site conditions.

Conclusions and Recommendations:

BLM currently holds \$33,358 surety for this site. The proposed partial surety release requests all but \$1,000 of this surety. Approximately 1 acre may need reseeding (which would be done by hand broadcasting). The BLM and Division feels that \$1,000 would be adequate for this. The Division has received a draft decision document from the BLM to authorized the release. Before it is finalized they need the Division's authorization or approval to do so. It is recommended that the requested partial release be approved.

Inspector's Signature

Cc: Carl White, Thirstystone (cwhite@thirstystone.com)
Russell Schreiner, BLM (Russell_Schreiner@blm.gov)
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